

CLAIM AMENDMENTS

1. (Previously Cancelled)
2. (Previously Amended) The device according to Claim 15, wherein the measuring duct extends substantially linearly in a direction from an upstream side of the fluid passage toward a downstream side of the fluid passage.
3. (Previously Amended) The device according to Claim 15, wherein the fluid introduction port has a length in the longitudinal direction and a width in a transverse direction, transverse to the longitudinal direction, the longitudinal length being at least twice the width.
4. (Previously Amended) The device according to Claim 15, wherein the measuring duct includes a first pair of generally smooth, converging inner wall surfaces, narrowing toward a downstream direction of the fluid flow, each of the smooth inner wall surfaces having a profile, in a cross-section parallel to the fluid flow direction and to the post, and a second pair of generally smooth converging inner wall surfaces, generally transverse to the first pair of inner wall surfaces, narrowing in the downstream direction, and having a curved profile in a plane perpendicular to the fluid introduction port and parallel to a longitudinal direction of the fluid introduction port.
5. (Previously Cancelled)
6. (Previously Amended) The device according to Claim 15, wherein the measuring duct narrows to at least a position where an upstream end of the flow rate detector is located.
7. (Previously Amended) The device according to Claim 15, wherein the measuring duct narrows to at least a position where a flow rate detecting element of the flow rate detector is located.
8. (Previously Amended) The device according to Claim 15, wherein the fluid introduction port has, in a plane perpendicular to the fluid flow, a closed curve shape.
9. (Previously Amended) The device according to Claim 15, wherein the measuring duct has a first pair of generally smooth, converging inner wall surfaces, narrowing toward a

downstream direction of the fluid flow, each of the smooth inner wall surfaces having a profile, in a cross-section parallel to the fluid flow direction and to the post, and a second pair of inner wall surfaces, generally transverse to the first pair of inner wall surfaces, and extending from a location upstream of the flow rate detector to the flow rate detector and narrowing toward the downstream direction, in a transverse direction of the fluid introduction port.

10. (Previously Amended) The device according to Claim 19, wherein the measuring duct includes a notch at the single hole.

11. (Previously Amended) The device according to Claim 15, wherein the measuring duct includes an outer wall surface that, at least in part, extends outwardly.

12. (Previously Amended) The device according to Claim 15, including projections located on the duct near the fluid introduction port and extending in an upstream direction.

13. (Previously Amended) The device according to Claim 12, wherein the fluid introduction port has a substantially rectangular shape in a plane transverse to the fluid flow, and the projections are located at least one pair of long sides and short sides of the fluid introduction port, the projections being parallel plates.

14. (Previously Amended) The device according to Claim 15, wherein the post extends into the fluid passage through an opening in a side wall of the fluid passage.

15. (Currently Amended) A flow rate measuring device comprising:
a post located in a fluid passage, the fluid passage passing a fluid flow and the post extending across a part of the fluid flow;
a measuring duct in the post, the measuring duct including a fluid introduction port ~~with~~ having an elongated shape confronting a flow direction of the fluid flow, the elongated shape having a maximum inside dimension in a longitudinal direction and an inside dimension in a transverse direction, perpendicular to the longitudinal direction and smaller than the maximum inside dimension, the longitudinal and transverse directions being perpendicular to the fluid flow; and
a flow rate detector located in the measuring duct and comprising a substantially plate-shaped mounting member extending along the fluid flow and bridging the measuring

duct, substantially parallel to the longitudinal direction of the elongated shape of the fluid introduction port, and a flow rate detection element on a main surface of the mounting member, wherein the measuring duct has a portion extending from the fluid introduction port to the flow rate detector substantially smoothly narrowing along the longitudinal direction of the elongated shape.

16. (Previously Cancelled)

17. (Original) The device according to Claim 4, wherein each of the curved profiles include an inflection point.

18. (Previously Cancelled)

19. (Previously Added) The device according to Claim 15, wherein the portion from the fluid introduction port to the flow rate detector comprises a single hole.